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# INFORMATION REPORT

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**SECURITY INFORMATION**

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COUNTRY	USSR	REPORT	
SUBJECT	Organization of and Personalities Engaged in Soviet Guided Missile Research	DATE DISTR.	9 October 1953
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Comments.

1. [REDACTED]
2. On page 1, paragraph 1, corrections should be made in the following Soviet names. These corrections apply throughout the report. Read Shapiro for Schapiro, Tyulin for Tjulin, Korolov for Korollov, Rashkov for Raschkov, Chernyshov for Tschernitschov, Pobedonostsev for Popedonossev, and Valya Antonina Mitskevich for Wallja Antonina Miczkevitsch.
3. On page 2 and throughout read Ministry of Armaments for Ministry of Armament and Munitions. In paragraph 3a and b, the names Umanski and Jordanski should be spelled Umanskiy and Iordanskiy; this applies throughout the report. In paragraph 3a, read Bolshevo for Bolscheve and Moscow-Zagorsk for Moscow-Sagors.
4. On page 4 and throughout the report, read Kapustin Yar for Kapustin.
5. On page 5, first line, read Feodor Guiliovich Sukhomlinov for Fjodor Guiliovitsch Suchomlinov.
6. In Enclosure A, the organization chart, read Vasilyev for Wassiliev as the Chief of Plant 88.

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[illegible]

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

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COUNTRY : USSR

DATE DISTR. 5 AUG 53

SUBJECT : Personalities Engaged in, and Organization  
of Soviet Guided Missile Research

NO. OF PAGES 5

PLACE  
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DATE OF II

THIS IS UNEVALUATED INFORMATION

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1.

Soviet officers: General SOKOLOV from the Military Academy in Moscow, Colonels SCHAPIRO, TJULIN, KOROLIOV, BASCHKOV, POLIVIK and TSCHERNITSCHOV, Lt. Colonels LIST and SUDAKOV, all from the Army's Office of Armament in Moscow, and Colonel POPEDONOSSEV from Plant 68, Pedlipki.

their organization for missile research and development. The Soviets discussed their organization openly, especially after drink-  
ing.

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picture of some of the Soviet  
guided missile groups in the USSR (see Enclosure (A)).

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2. The highest echelon in rocket development was the Ministry of Armament and Munitions. Plant 88 was directly subordinated to this Ministry. The Soviet Army's rocket development group worked independently, but seemed on the same level as the Ministry. [redacted] 50X1-HUM and the Ministry, [redacted] the Army group 50X1-HUM it appeared that the authority of each was clearly defined. Fuel experiments and research, vibration research and artillery-rocket research, for example, originated from the Army offices. Col. POPEDONOSSEV, after his resignation from Plant 88, held the position of scientific advisor to the Ministry, and [redacted] he was "detached" temporarily from the Army for this assignment. 50X1-HUM
3. A subdivision of Plant 88, known as Branch No. 1, was located on Gorodomlya Island. Other subdivisions, or departments (which were on the same echelon as Branch No. 1), were located in Podlipki itself, and were under the technical supervision of the chief engineer. These other departments are:

a. Department for Nitric Acid Missiles

Colonel UMANSKI was chief of this department until 1950. [redacted] 50X1-HUM

The department was equipped with a large test stand for experiments, with rocket ovens of the "Wasserfall" type. The test stands, buildings, etc. of this department were situated on the airport grounds. [redacted] 50X1-HUM

[redacted] the airport was not in use, but it may have served as a military airfield during the war. There were no permanent hangars, merely some large canvas-type tents. The airfield, which was extensive, was located about four kilometers east of the railroad Bolshevo station, on the main Moscow-Sagors railroad line.) 50X1-HUM

b. Chemical Department

The department chief was Dr. JORDANSKI. In 1948, about 30 Soviets were employed in this department, which was primarily concerned with chemical analyses.

c. Materials Department

Frau Dr. JORDANSKI, (wife of Dr. JORDANSKI, mentioned above) was chief of the department. About 45 Soviets were employed here in 1951. This department was engaged in materials testing, corrosion safeguarding research, heat resisting lacquer and coating research, and testing of various copperplating methods of aluminum alloys. [redacted] 50X1-HUM

d. Controls Department

This department, [redacted] issued orders to sector 4 at Ostashkov. 50X1-HUM

e. Launching Instruments and Units Department

This department issued orders to sector 5 at Ostashkov.

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f. Design Department

Work performed by sector 5 at Ostashkov was checked here.

g. Architectural Department

This department worked closely with sector 11 at Ostashkov.

h. Department 1

Department No. 1 was under the direct supervision of the MVD. Its connection with Plant 88 and Branch No.1 was only administrative.

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i. Firing Range Kapustin

[redacted] the firing range was not attached to Plant 88, but was used on a loan basis only.

4.

SOVIET PERSONALITIES

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General GONOR

The director of Plant 88 during 1946-1950. [redacted]

Colonel KOROLLOV

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An artillery officer. He was a member of the Army's Armament Office in Moscow, and chief of the Department for Artillery Rockets. His speciality was ballistics. [redacted]

KURGANOV

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The chief engineer of Branch No. 1 from 1947-1950. He succeeded General SPIRIDONOV. KURGANOV was [redacted] a machine designer. [redacted]

Lt. Colonel LIST

An artillery officer and a member of the Army's office of Armament. He was subordinate to Colonel RASCHKOV. His specialty was statics. His last known location was Moscow. [redacted]

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Colonel POLIVIK

A Corps of Engineers officer and member of the Army's office of Armament. POLIVIK's speciality was T-stoff propellants.

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Colonel POPEDONOSSEV

An artillery officer and a professor of technical sciences and advisor to the Ministry for Armament and Munitions.

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Colonel RASCHKOV

An artillery officer and member of the Army's office of Armament. He was a specialist on problems relating to vibrations.

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Colonel SCHAPIRO

An artillery officer and a member of the Army's Office of Armament. He was a lecturer on ballistics at the Military Academy in Moscow. He was a specialist in rocket ballistics, about which he published a book. He served as an advisor in ballistics problems to Plant 88, and participated on experimental rocket launchings at Kapustin.

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General SOKOLOV

Deputy chief of the Military Academy, Moscow, during 1945-1946. He was an aerodynamics and ballistics specialist and was a member of the Communist Party. Until 1950 he was stationed in Moscow.

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General SPIRIDONOV

The chief engineer of Plant 88 from 1946-1950.

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Fiodor Guiliovitsch SUCHOMLINOV

The director of Branch No.1 from 1947 to 1952. It is said that he was one of the first thousand registered Communists in the USSR. He allegedly was a Soviet representative at various conferences in Germany as early as 1930.

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Lt. Colonel SUDAKOV

An artillery officer and an assistant to KOROLLOV. He was a specialist in antiaircraft rockets.

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Colonel TJULIN

An artillery officer and a member of the Army's office of Armament. He had collaborated with POPEDONOSSEV in developing the Stalin-Organ during WW II. Although trained as a machine designer, he worked principally on propulsion problems for rockets, particularly with turbines and fuel pumps. From 1945-1946 he was chief of the Berlin sector of the "Technical Commission of the USSR." At Podlipki he served as an advisor on problems related to turbines. He participated on rocket firings at Kapustin.

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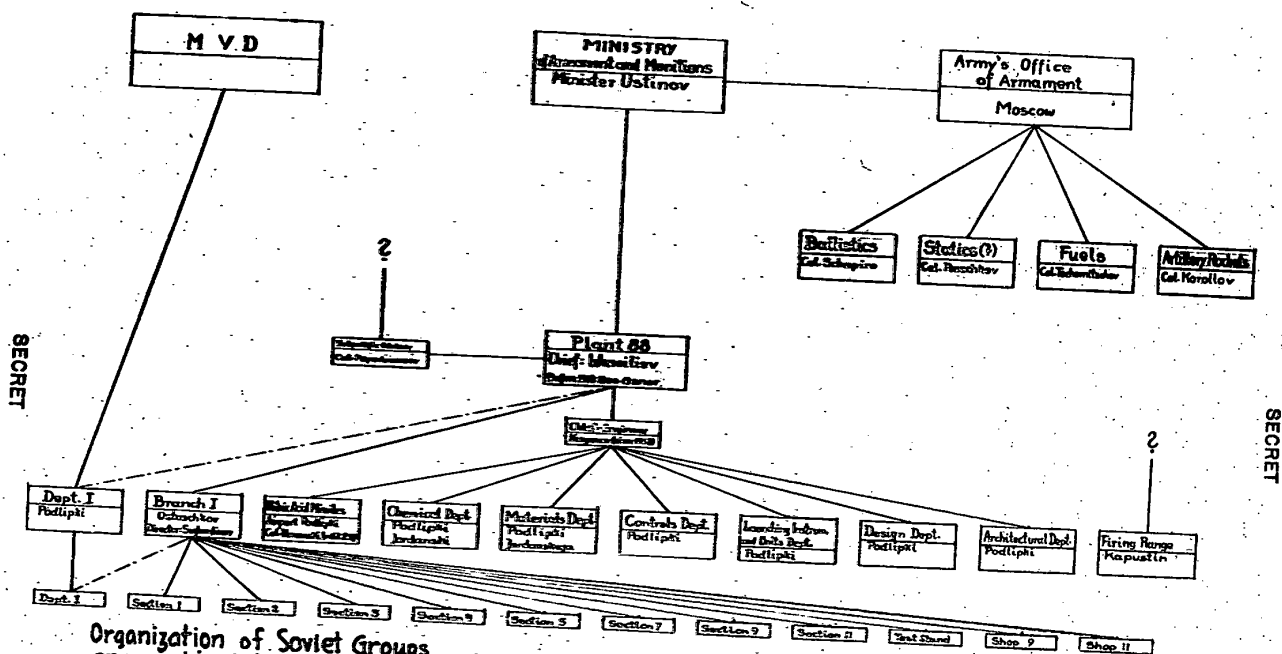
Colonel TSCHERNITSCHOV

An artillery officer and member of the Army's Office of Armament. He was the chief of the Fuels sector, a chemist, whose capabilities were well thought of, and an advisor to Plant 88 on fuel questions. He published several books relating to rocket fuels.

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ENCLOSURE (A) : Organization of Soviet Groups Engaged in Guided Missile Research

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Organization of Soviet Groups engaged in Guided Missile Research

Enclosure (A)